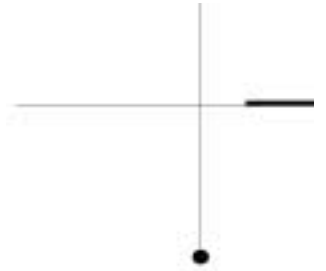


BELL+HOWELL

SCANNERS



Copiscan 8000 Series D8 Level Parts Manual



Bell & Howell
Scanners
Manual S004812
Rev A

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Contact Information

Technical support is available over the phone or the Internet at no charge. To contact us, send an e-mail to: **Scanner.support@is.bellhowell.com** or call **1-800-SCAN495**.

Bell & Howell Scanners, 3450 W. Pratt Avenue, Lincolnwood, IL 60712-2705, USA.
Phone: **1-800-722-6494** (sales).

For worldwide locations, visit our web site at **www.bhscanners.com**

Please be aware that . . .

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Introduction

This manual contains a listing of the available parts for the Copiscan 8000 Series, firmware version D8, scanners. This listing includes individual parts, assemblies, kits, and service tools. The illustration figure and the parts list are on the same page.

The parts listing contains several columns.

<u>Callout</u>	<u>Description</u>	<u>Part No.</u>	<u>Functional Description</u>	<u>Comments</u>

- The **Callout** refers to the callout number for this part, assembly, or kit as indicated in the illustration figure.
- The **Description** refers to the name given the part on the part as it is inventoried.
- The **Part Number** is the number by which the part is ordered.
- The **Functional Description** refers the use of the part (if different from the Part Description).
- The **Comment** field is used to indicate compatibility to firmware version, relationship to a part or assembly, etc.

Assemblies and kits

Assemblies, such as cameras, are factory prealigned and calibrated. Individual parts for these assemblies normally are not available. Replace only with another assembly.

Kits contain a group of parts but are not factory aligned and calibrated. An example is the transport motor kit. This kit contains the motor and attached pulley and the necessary bushings, washers, and mounting screws. A hardware kit is available which contains: screws, washers, nuts, bushings, standoffs, snap rings, springs, etc.

Scanner Covers

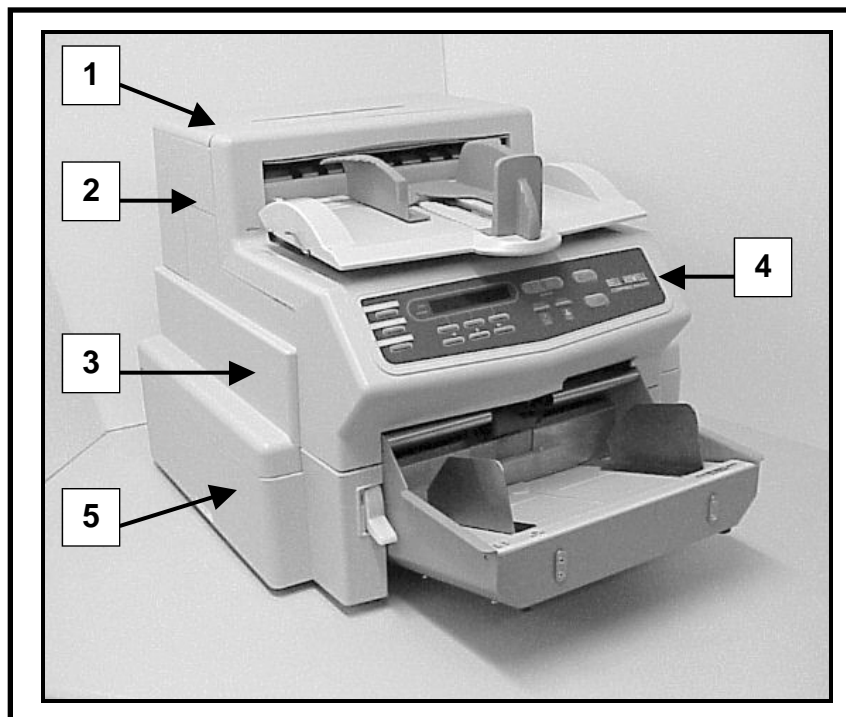


Figure 1.

Callout	Description	Part No.	Functional Description	Comments
1	Cover, Top	S01255A		
2	Cover, Side-left	S01256A	Upper Left Cover	
3	Cover, Left Inspection	S01258A		
4	Operator Interface 8080S	S01273A	8080S Bezel and PCB	
4	Operator Interface 8080D	S01274A	8080D Bezel and PCB	
4	Operator Interface 8100S	S002665	8100S Bezel and PCB	
4	Operator Interface 8100D	S002644	8100D Bezel and PCB	
4	Operator Interface 8125S	S01271A	8125S Bezel and PCB	
4	Operator Interface 8125D	S01272A	8125D Bezel and PCB	
5	Cover Assy-Frame Left Side	S01287D	Lower Left Cover	

Scanner Covers (continued)

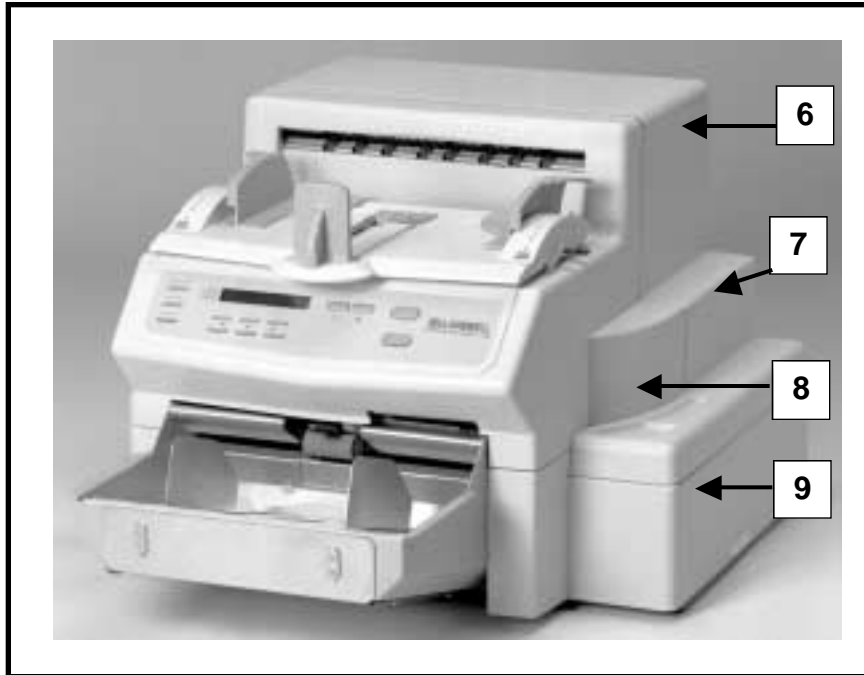


Figure 2.

Callout	Description	Part No.	Functional Description	Comments
6	Cover Side-right	S01257A	Upper Right Cover	
7	Cover, Back Lamp	S01266A		
8	Cover, Front Lamp	S01264A		
9	Cover, Card Cage	S01259A	Lower Right Cover	
	Cover, Back	S01253A		Not Shown
	Exit Tray Assy	S01280A		Not Shown
	Base Feet	S01177A		Not Shown

Power Supply

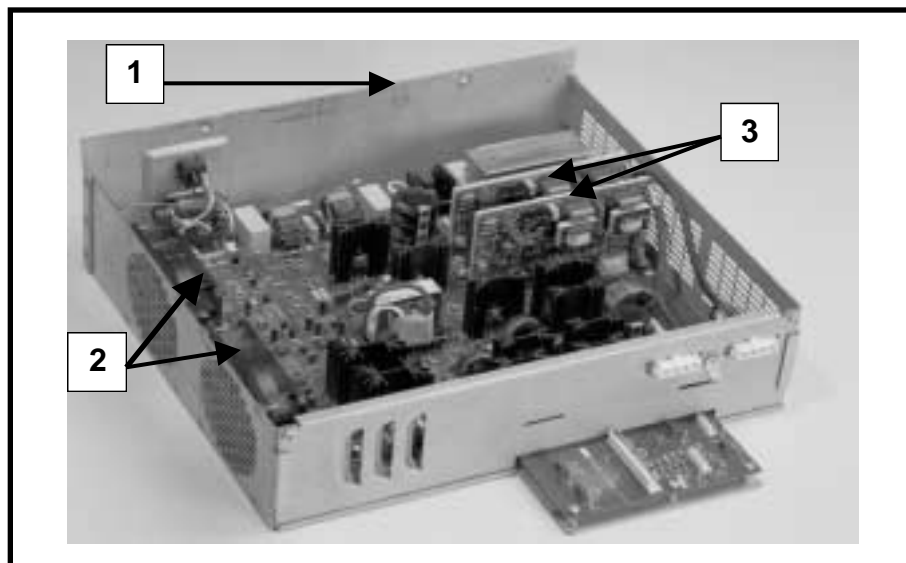


Figure 3.

Callout	Description	Part No.	Functional Description	Comments
1	Power Supply - Simplex	S004597		See note below.
1	Power Supply - Duplex	S004794		See note below.
2	Fan	S01107A		
3	Ballast, Power Supply	S01420A	Ballast	

Note: Check Technical Bulletin 001680340101 before ordering a replacement power supply.

Camera Assembly

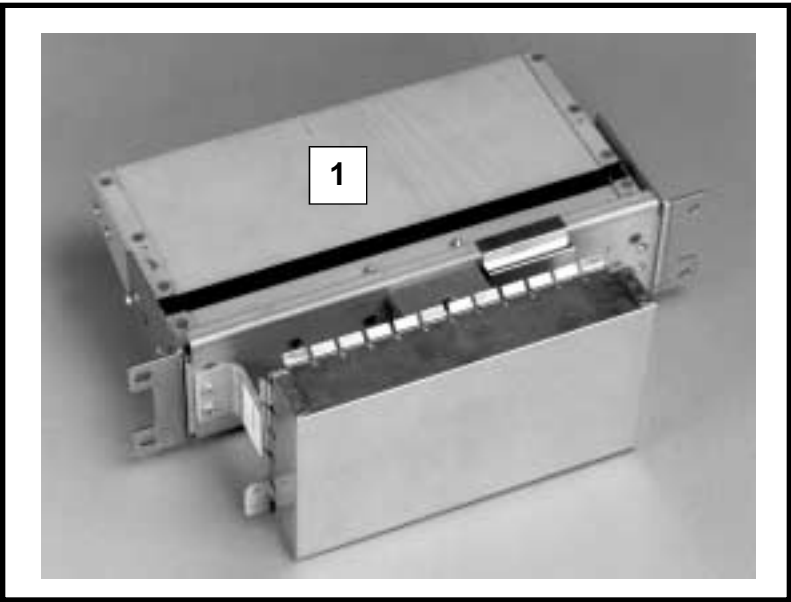


Figure 4.

Callout	Description	Part No.	Functional Description	Comments
1	CS8000 Camera Assembly	S003003	Camera	
	Camera Shoulder Screw	S01124A		Not Shown
	Filter/Holder Assy Red	S004076		Not Shown
	Filter/Holder Assy Green	S004077		Not Shown
	Filter/Holder Assy Blue	S004078		Not Shown

Lower Frame

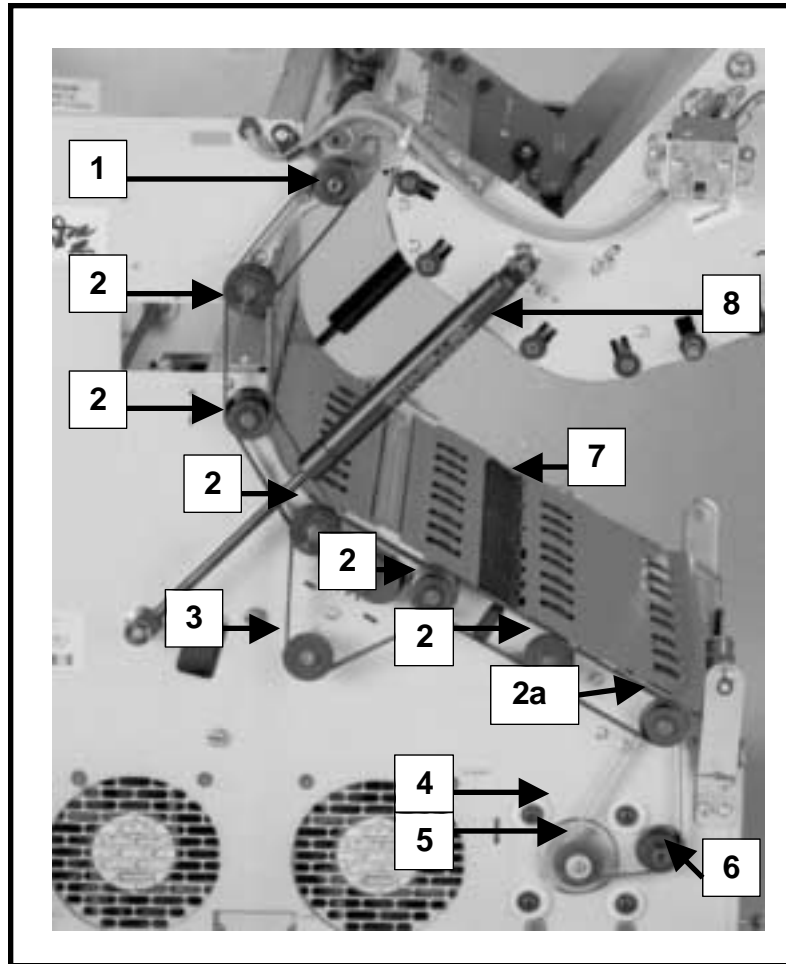


Figure 5.

Callout	Description	Part No.	Functional Description	Comments
1	Drive Roller Assy, Exit	S004553	Exit Roller, Bearings, Pulley, & Clips	
2	Drive Roller Kit Assy	S004551		
2a	Drive Roller Kit Assy 8080 #1/Transp	S004551	#1 Roller in 8080	
2a	Drive Roller Kit Assy 8125 #1	S004552	#1 Roller in 8125	
3	Pulley Assy - 32T	S01070B		
4	Motor Replacement Kit	S004564		See Note #1
5	Motor Pulley	S01104A		
6	Pulley Assy - 32 T	S01070B	Idler Pulley	
7	Background Bar - Static	S002440		
8	Gas Cylinder Kit	S003336	160 NT gas Spring	Replace in pairs

Note 1: The motor kit contains the motor, washers, mounting screws, and mounting grommets.

Lower Frame (continued)

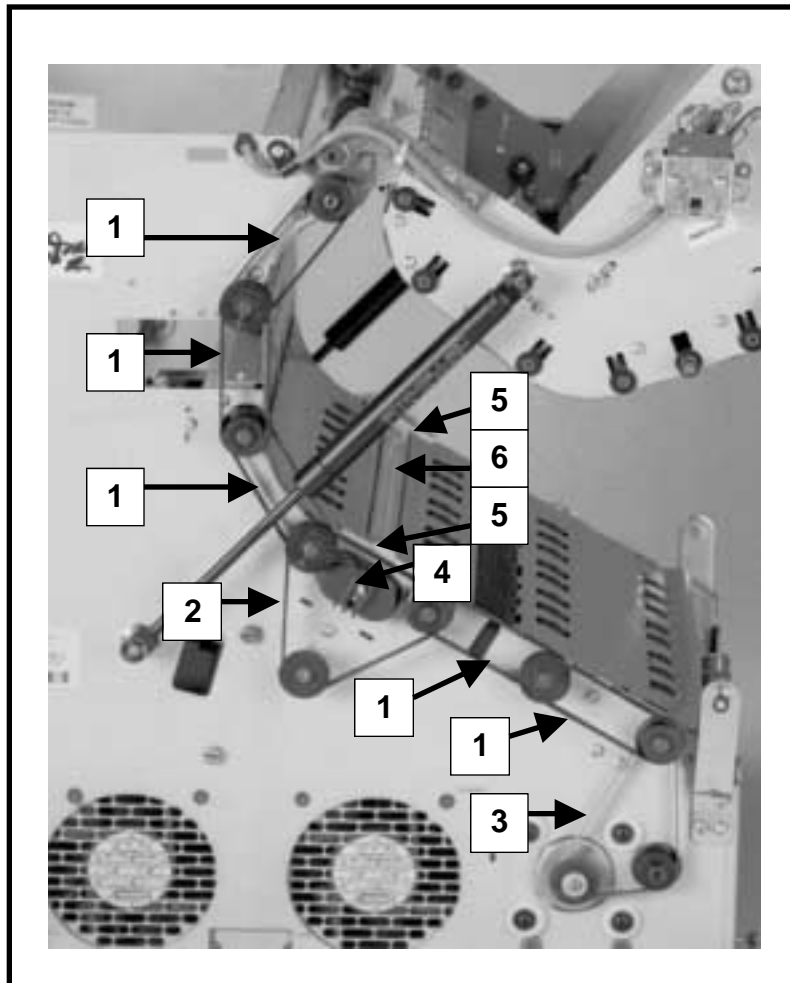


Figure 6.

Callout	Description	Part No.	Functional Description	Comments
1	Belt - .08-97T	S01149A		
2	Timing Belt	S01175A		
3	Timing Belt	S01175A	8050 & 8080 Timing Belt	
3	Timing Belt .126 Groove	S001768	8100 & 8125 Timing Belt	
4	Lamp Assy	S01160A	Lamp	
5	3 Degree Block Kit (Service)	S004469		2 Blocks, 4 Screws
6	Glass - Transport	S01200A	Glass Flat	

Lower Frame (continued)

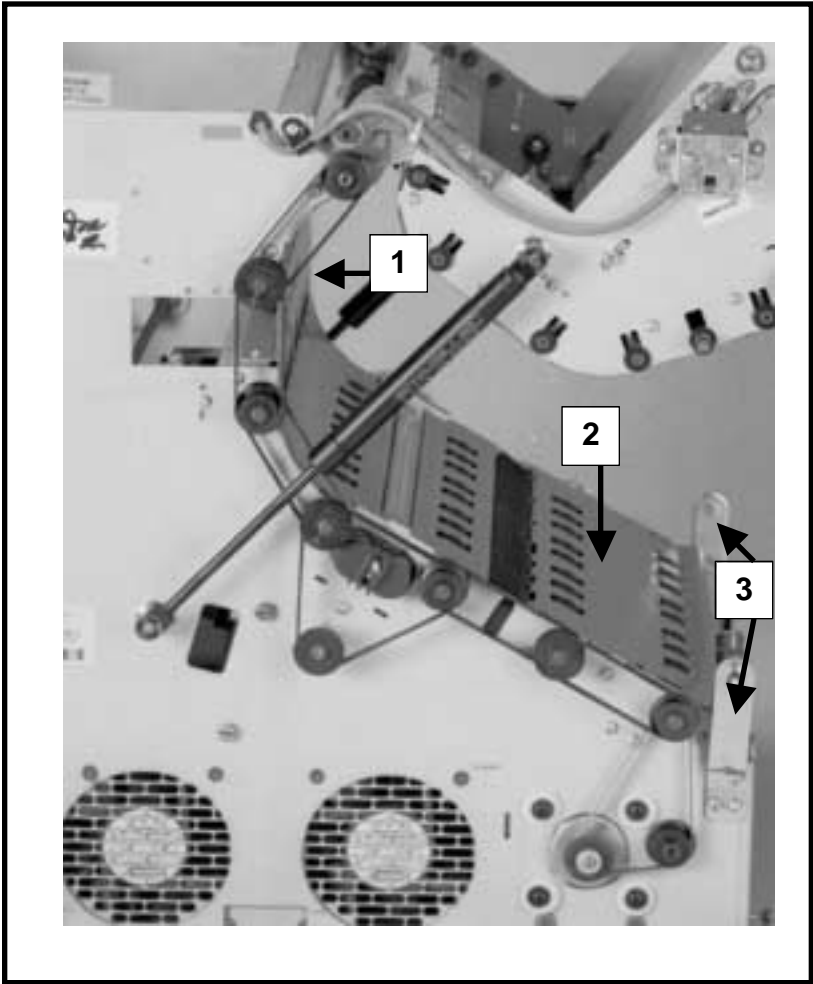


Figure 7.

Callout	Description	Part No.	Functional Description	Comments
1	Tray - Front Extension	S01211B	Front Document Tray	
2	Tray - Back, Simplex	S001193		Simplex Scanners
2	Back Tray & Holder Assy	S002794		Duplex Scanners
3	Latch Hook Assy	S01241A		

Lower Frame (continued)

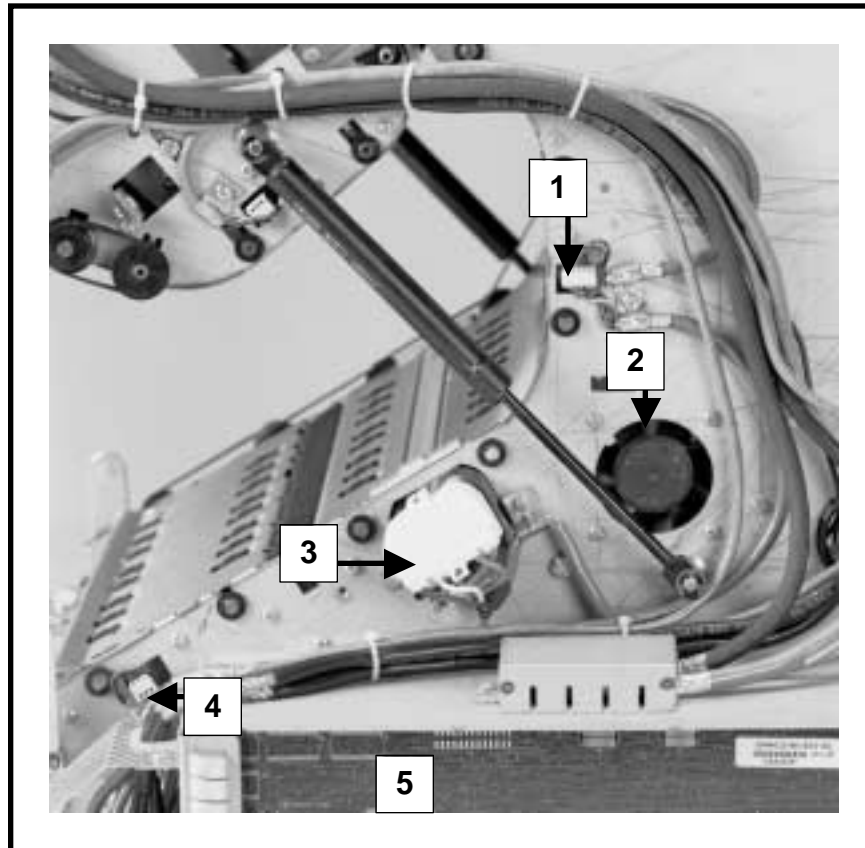


Figure 8.

Callout	Description	Part No.	Functional Description	Comments
1	Page Det Sensor Exit Assy	S004615	Exit Page Det. Receiver	
2	Cooling Fan Assy	S01605B	Fan	
3	Lamp Housing Assy, Back Page	S004074		
4	Entry Transmit PCB/Brkt Assy	S004381	Entry Page Det. Transmitter PCB	
5	CCD Processor PCB Assy	S004582		
5	Video Interface BD Rev B Rel	S01372A	Interface PCB (Video)	
5	PCB, Mother Board	S002909		
5	SCSI Interface	S01473B	Interface PCB (SCSI)	
	Memory Module	S01475A	SCSI Memory Module	Not Shown
5	GP - BD. Assy	S002600	Gray Processor PCB	

Lower Frame (continued)

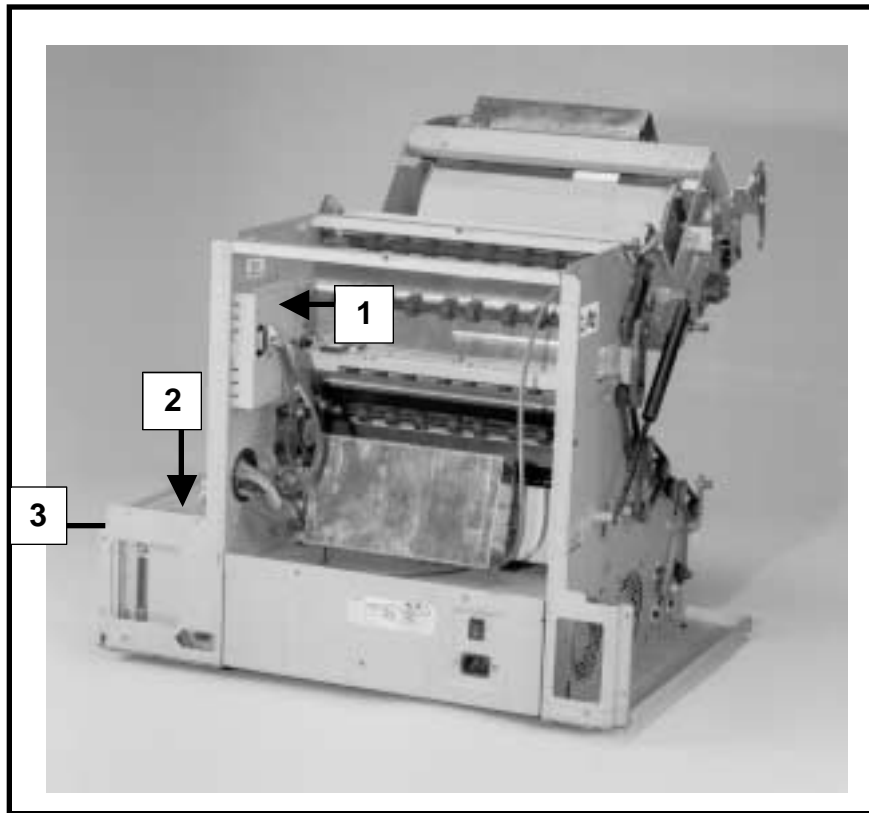


Figure 9.

Callout	Description	Part No.	Functional Description	Comments
1	Multi-feed Detect Board Assy	S01356B	MFD PCB Assembly	
2	Cover, Card Cage Top	S002578	Card Cage Top Cover	
3	Cover Assy., Card Cage Side	S002596	Card Cage Side Cover	

Lower Frame (continued)

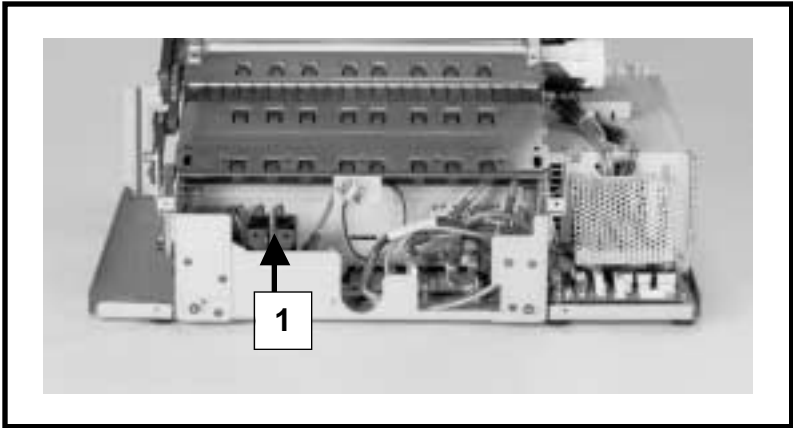


Figure 10.

Callout	Description	Part No.	Functional Description	Comments
1	Viking Motor Control Assy	S002683		
	Motor Control Shield	S01606B	PCB Housing	

Upper Frame

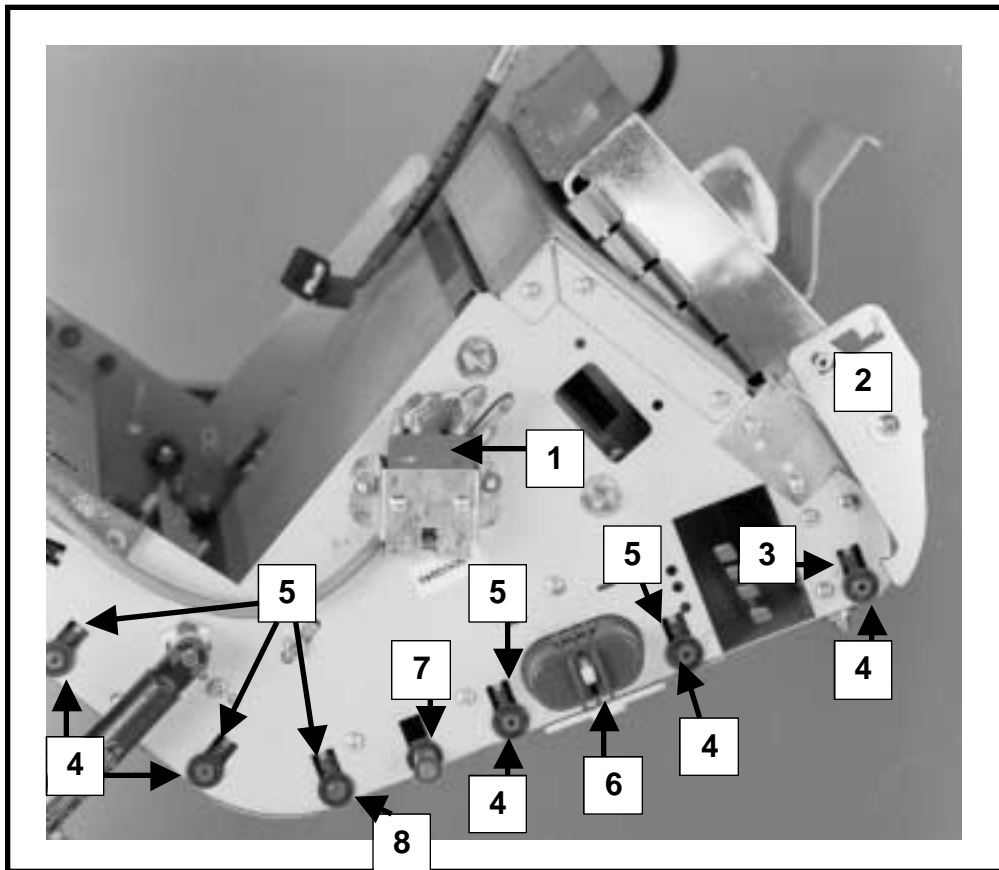


Figure 11.

Callout	Description	Part No.	Functional Description	Comments
1	Interlock Switch Assembly	S01270A		
2	Latch Assembly	S01240A		
3	Spring, Transport	S01639A		#1 Roller Spring Only
4	Pinch Roller Assy	S004554	Entry Roller	
5	Spring, 020, 170 OD, 53	140033K		
6	Lamp Assy	S01160A	Lamp	
	Slitted Flat - with White Paint	S002441		Not Shown
7	BGB Assy	S01097A	Background Bar Roller Assembly	
	BGB Trailing Mylar - Front	S01115A		Not Shown
	BGB Leading Mylar - Front	S01114A		Not Shown
	Torsion Spring, Left BGB	S01189A	Background Roller Spring	Not Shown
	Torsion Spring, Right BGB	S01190A	Background Roller Spring	Not Shown
8	Pinch Roller Assy. BGB	S004555	Drive Roller for BGB	

Upper Frame (continued)

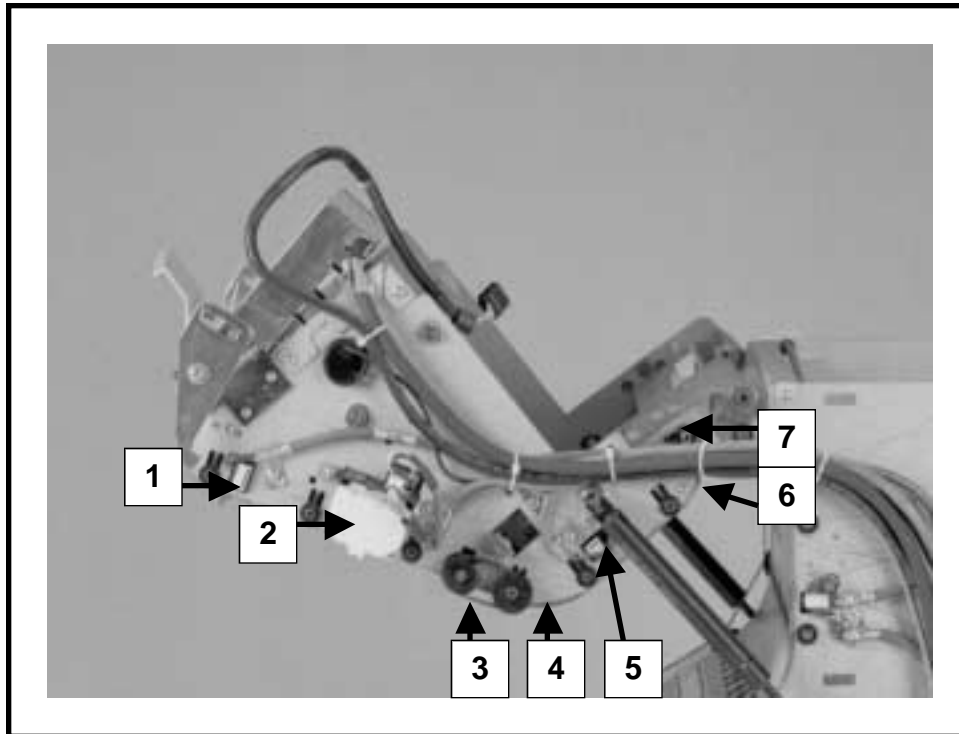


Figure 12.

Callout	Description	Part No.	Functional Description	Comments
1	Page Detect Sensor Entry Assy	S004614		
2	Lamp Housing Assy - Front Page	S004075		
3	Timing Belt - DBB	S01176A		
4	Tray - Front Simplex	S001183		
4	Tray - Front Duplex	S01184C		
5	Exit Trans PCB Brkt Assy	S002733		
6	Tray Front Extension Assy	S01587B		
7	Pinch Roller Assy, Exit	S004562	Upper Exit Roller	

Feeder

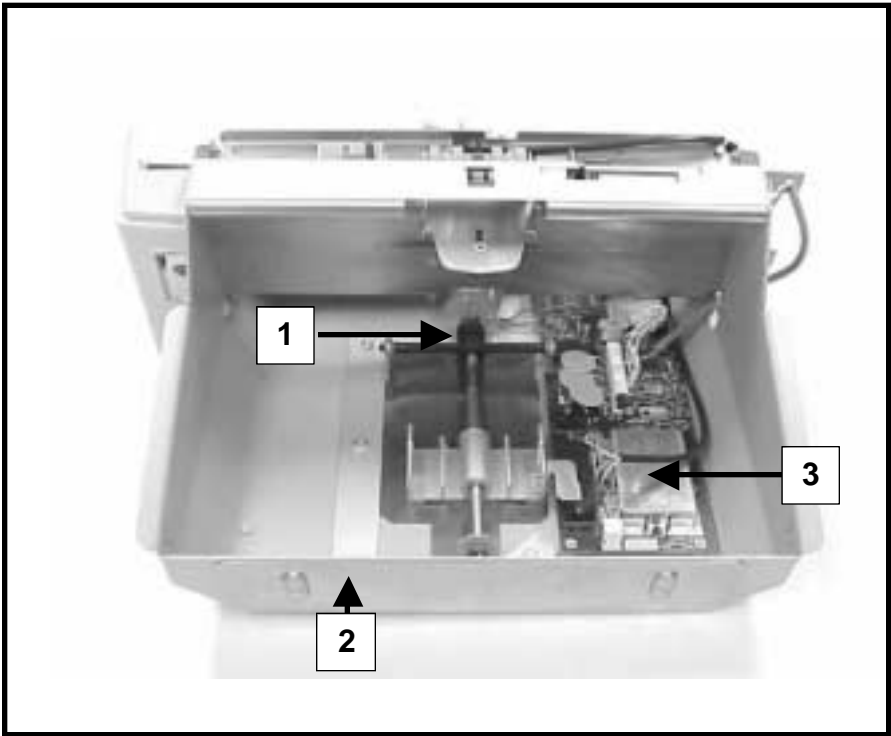


Figure 13.

Callout	Description	Part No.	Functional Description	Comments
1	Coupling, Elevator	S01327A		
2	Extension Tray	S01559B		
3	Feeder Control Board	S004045		
	Feeder Bezel - Left	S01198A	Left Feeder Cover	Not Shown
	Feeder Bezel - Right	S01199A	Right Feeder Cover	Not Shown

Feeder (continued)

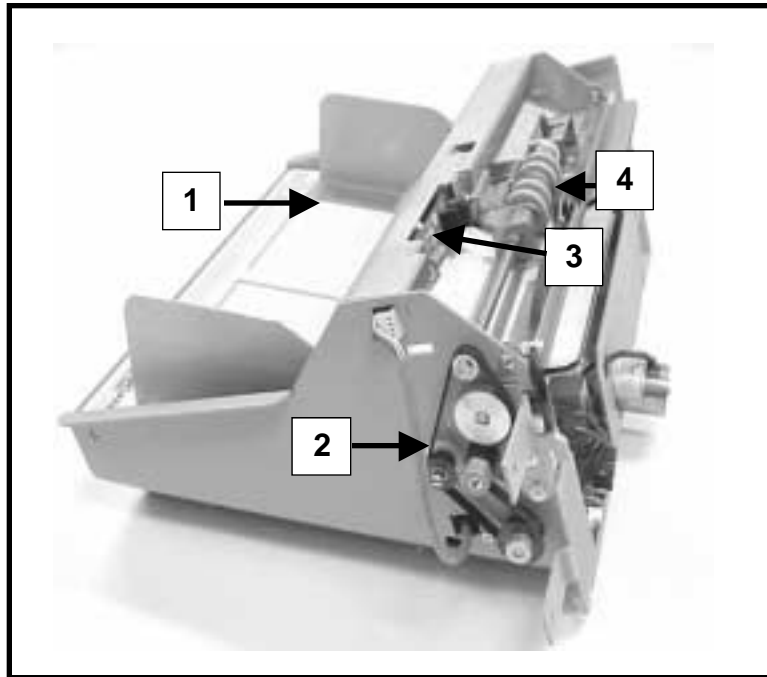


Figure 14.

Callout	Description	Part No.	Functional Description	Comments
1	Elevator Table Assy	S01618A		
2	Feeder Drive Pulley Kit	S004124	Belt, Pulleys, Idlers, Adjuster	Service Kit
3	PCB Assy, Skimmer Sensor	S01384A		
4	CS8000 Skimmer Assy	S01520F		

Feeder (continued)

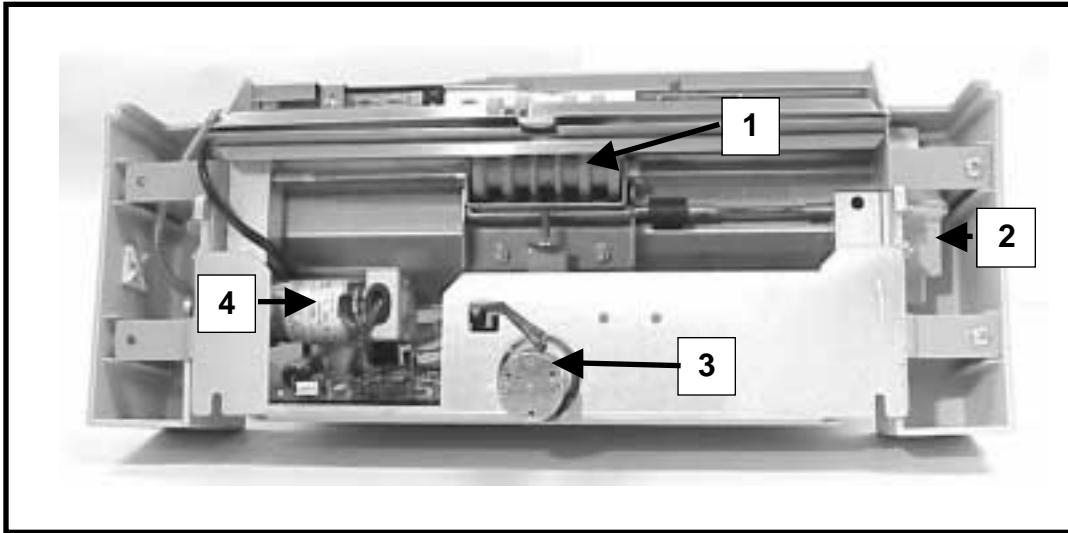


Figure 15.

Callout	Description	Part No.	Functional Description	Comments
1	Reverse Roller Assy	S01535F	Reverse Roller & Bracket Assembly	
2	Manual Feed	S003450	Manual Feed Knob	Knob & Hardware
3	Elevator Motor Assy	S01480C		
4	Feeder Motor Assy	S01445C		

Feeder (continued)

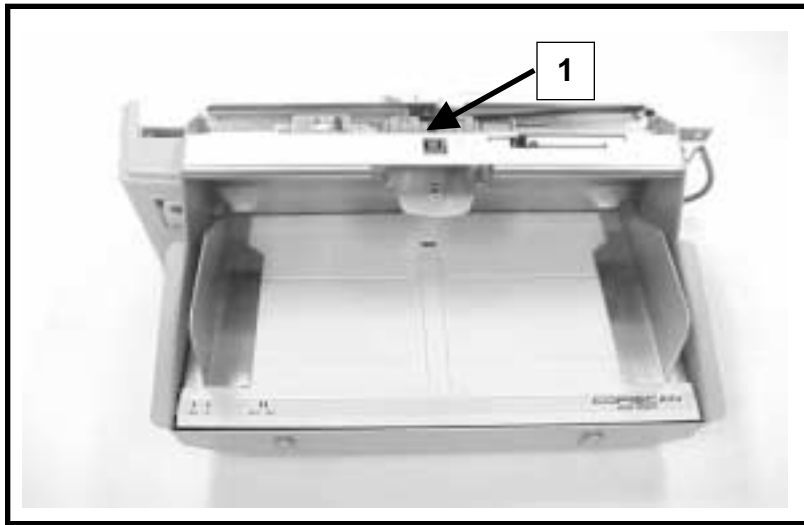


Figure 16.

Callout	Description	Part No.	Functional Description	Comments
1	Roller, Feed Press-Fit Assy	S00902D	Right Drive Roller	Roller, Bearing & Clutch
1	Roller, Feed Press-Fit Assy	S00904A	Left Drive Roller	Roller, Bearing & Clutch
	Skimmer Module	S002423	Skimmer & Drive Roller Assembly	

Feeder (80 ppm w/o pre-feed)

Callout	Description	Part No.	Functional Description	Comments
	Indicator Knob	S001731		
	Pellet - Nylon	S01629A		
	Timing Belt 134 Groove	S01607A		
	Adjust Knob	S01545A		
	Belt Idler	S01540A		
	Elevator Trolley	S01536B		
	CS8000 Skimmer Assy	S01520F		
	Feeder Control Bd Harness	S01443C		
	Feeder Control Bd	S01380D		
	Flex Shaft, Reverse Roller	S00882B		
	Magnet .250 Dia x .125 Lg	398063A		
	Clip	140089A	Magnet Mounting Clip	

Imprinter

Callout	Description	Part No.	Functional Description	Comments
	Front Page Imprinter Kit	0123018		
	Handle, Imprinter	S002460		
	Sliding Block, Imprinter	S002461		
	Clamp, Block Imprinter	S002463		
	Print Head Holder	S002468		
	Ball Plunger	S002470		
	Index Bar	S002582		
	Handle, Cap	S002469	Green Handle Cover	
	Enclosure Imprinter Electronics	S002594		
	Imprinter PCB Assy	S002593		
	Front Imprinter Cable	S001441		
	Print Cartridge	S00820A		
	Lable Imprinter - Front Gen.	S002666		

Cables

Callout	Description	Part No.	Functional Description	Comments
	Power Cord	120237F		
	Power Supply to Feeder Cable	S01435A		
	Digital Supply Harness	S01434C		
	Analog Supply Harness	S01422B		
	Transport Motor Control Cable	S01427E		
	Receiver Sensor Cable	S003485		
	Transmit Sensor Cable	S01426D		
	Lamp Sensor Cable	S01440C		
	Back Lamp Cable Assy	S01437B		
	Front Lamp Cable Assy	S01436C		
	Operator Interface Cable	S01423B		
	Motor Interlock Cable	S01432E	Interlock Cable	
	CCD to Processor Front Cable	S01430D	Front Camera to GP PCB Cable	
	CCD to Processor Back Cable	S01431D	Back Camera to GP PCB Cable	
	Feeder Input Cable	S01438B		
	Feeder Harness	S003363		
	Front Imprinter Cable	S001441		

Adjustment Targets

Callout	Description	Part No.	Functional Description	Comments
	Adjustment Target Kit	S004474		Kit of Targets
	Target, A3, Page Frame	S002805		Part of Kit
	Target, A4 Page Frame	S002816		Part of Kit
	Target, A4 Lamp Regulation	S002822		Part of Kit
	A-4 Viking Test Target	S02314B		Part of Kit
	Target, Document Skew	S003472		Part of Kit

Kits and Service Tool

Callout	Description	Part No.	Functional Description	Comments
	Interlock Tool	201819D	Service Tool	
	Hardware Kit	S004468		
	8000 Duplex Maintenance Kit	S003406		
	Air Duct Kit	S004599		

Notes